

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: PCT/US04/41380

Source: PCT

Date Processed by STIC: 12-20-07

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PCT

RAW SEQUENCE LISTING  
PATENT APPLICATION: PCT/US04/41380

DATE: 12/20/2004  
TIME: 15:37:41

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF4\12202004\PU41380.raw

4 <110> APPLICANT: Williams, Richard B.  
6 <120> TITLE OF INVENTION: SYSTEM AND METHODS FOR NUCLEIC ACID AND  
7 POLYPEPTIDE SELECTION  
10 <130> FILE REFERENCE: PRONO.001BPC  
C--> 12 <140> CURRENT APPLICATION NUMBER: PCT/US04/41380  
C--> 12 <141> CURRENT FILING DATE: 2004-12-16  
12 <150> PRIOR APPLICATION NUMBER: 09/859,809  
13 <151> PRIOR FILING DATE: 2001-05-17  
15 <150> PRIOR APPLICATION NUMBER: 60/206,016  
16 <151> PRIOR FILING DATE: 2000-05-19  
18 <150> PRIOR APPLICATION NUMBER: 60/346,965  
19 <151> PRIOR FILING DATE: 2001-11-16  
21 <150> PRIOR APPLICATION NUMBER: 60/529,331  
22 <151> PRIOR FILING DATE: 2003-12-12  
24 <150> PRIOR APPLICATION NUMBER: PCT/US02/37103  
25 <151> PRIOR FILING DATE: 2002-11-18  
27 <150> PRIOR APPLICATION NUMBER: 10/847,087  
28 <151> PRIOR FILING DATE: 2004-05-17  
30 <150> PRIOR APPLICATION NUMBER: 60/625,707  
31 <151> PRIOR FILING DATE: 2004-11-05  
33 <150> PRIOR APPLICATION NUMBER: 10/847,484  
34 <151> PRIOR FILING DATE: 2004-05-17  
36 <160> NUMBER OF SEQ ID NOS: 33  
38 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
40 <210> SEQ ID NO: 1  
41 <211> LENGTH: 13  
42 <212> TYPE: RNA  
43 <213> ORGANISM: Artificial Sequence  
45 <220> FEATURE:  
46 <223> OTHER INFORMATION: Precursor RNA for formation of psoralentated RNA;  
47 chemically synthesized fragment  
W--> 49 <221> NAME/KEY: modified base  
50 <222> LOCATION: (6)...(6)  
51 <223> OTHER INFORMATION: n=p  
W--> 53 <400> 1  
W--> 54 cuagancugg agg  
56 <210> SEQ ID NO: 2  
57 <211> LENGTH: 13  
58 <212> TYPE: RNA  
59 <213> ORGANISM: Artificial Sequence  
61 <220> FEATURE:  
62 <223> OTHER INFORMATION: Furan sided psoralentated RNA fragment; chemically  
63 synthesized

CPS (6)

13

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 Input Set : A:\Seqlist.txt  
 Output Set: N:\CRF4\12202004\PU41380.raw

W--> 65 <221> NAME/KEY: misc\_feature  
 66 <222> LOCATION: (2)...(3)  
 67 <223> OTHER INFORMATION: psoralen bound to UA  
 W--> 69 <221> modified\_base  
 70 <222> LOCATION: (6)...(6)  
 71 <223> OTHER INFORMATION: n=p  
 W--> 73 <400> 2  
 W--> 74 cuagancugg agg 13  
 76 <210> SEQ ID NO: 3  
 77 <211> LENGTH: 23  
 78 <212> TYPE: RNA  
 79 <213> ORGANISM: Artificial Sequence  
 81 <220> FEATURE:  
 82 <223> OTHER INFORMATION: Chemically synthesized precursor RNA for  
 psoralentated RNA fragment  
 W--> 85 <221> NAME/KEY: misc\_feature  
 86 <222> LOCATION: (1)...(5)  
 87 <223> OTHER INFORMATION: n=g, a, u, or c  
 W--> 89 <221> misc\_feature  
 90 <222> LOCATION: (19)...(23)  
 91 <223> OTHER INFORMATION: n=g, a, u, or c  
 W--> 93 <400> 3  
 W--> 94 nnnnnccucc agaucuagnn nnn 23  
 96 <210> SEQ ID NO: 4  
 97 <211> LENGTH: 23  
 98 <212> TYPE: RNA  
 99 <213> ORGANISM: Artificial Sequence  
 101 <220> FEATURE:  
 102 <223> OTHER INFORMATION: Chemically synthesized psoralentated RNA fragment  
 W--> 104 <221> NAME/KEY: misc\_feature  
 105 <222> LOCATION: (16)...(17)  
 106 <223> OTHER INFORMATION: psoralen bound to UA  
 W--> 108 <221> misc\_feature  
 109 <222> LOCATION: (1)...(5)  
 110 <223> OTHER INFORMATION: n=g, a, u, or c  
 W--> 112 <221> misc\_feature  
 113 <222> LOCATION: (19)...(23)  
 114 <223> OTHER INFORMATION: n=g, a, u, or c  
 W--> 116 <400> 4  
 W--> 117 nnnnnccucc agaucuagnn nnn 23  
 119 <210> SEQ ID NO: 5  
 120 <211> LENGTH: 13  
 121 <212> TYPE: RNA  
 122 <213> ORGANISM: Artificial Sequence  
 124 <220> FEATURE:  
 125 <223> OTHER INFORMATION: Chemically synthesized fragment 2; psoralentated  
 RNA fragment  
 W--> 128 <221> NAME/KEY: modified\_base  
 129 <222> LOCATION: (6)...(6)

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Input Set : A:\Seqlist.txt  
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130 <223> OTHER INFORMATION: n=p  
 .W--> 132 <221> misc\_feature  
 133 <222> LOCATION: (13)...(13)  
 134 <223> OTHER INFORMATION: psoralen bound to G  
 W--> 136 <400> 5  
 W--> 137 cuagancugg agg 13  
 139 <210> SEQ ID NO: 6  
 140 <211> LENGTH: 30  
 141 <212> TYPE: DNA  
 142 <213> ORGANISM: Artificial Sequence  
 144 <220> FEATURE:  
 145 <223> OTHER INFORMATION: chemically synthesized fragment 3; modified tRNA;  
 146 thymine at residue 8 before pseudouridine  
 W--> 148 <221> NAME/KEY: modified\_base  
 149 <222> LOCATION: (9)...(9)  
 150 <223> OTHER INFORMATION: n=p  
 W--> 152 <221> misc\_feature  
 153 <222> LOCATION: (30)...(30)  
 154 <223> OTHER INFORMATION: n=puromycin  
 W--> 156 <400> 6  
 W--> 157 uccugugtnc gauccacaga auuucgcacccn 30  
 159 <210> SEQ ID NO: 7  
 160 <211> LENGTH: 43  
 161 <212> TYPE: DNA  
 162 <213> ORGANISM: Artificial Sequence  
 164 <220> FEATURE:  
 165 <223> OTHER INFORMATION: Chemically synthesized fragment 2+3; modified  
 166 tRNA; thymine at residue 21 before pseudouridine  
 W--> 168 <221> NAME/KEY: modified\_base  
 169 <222> LOCATION: (22)...(22)  
 170 <223> OTHER INFORMATION: n=p  
 W--> 172 <221> misc\_feature  
 173 <222> LOCATION: (43)...(43)  
 174 <223> OTHER INFORMATION: n=puromycin  
 W--> 176 <221> modified\_base  
 177 <222> LOCATION: (6)...(6)  
 178 <223> OTHER INFORMATION: n=p  
 W--> 180 <400> 7  
 W--> 181 cuagancugg agguccugug tncgauccac agaauucgca ccn 43  
 183 <210> SEQ ID NO: 8  
 184 <211> LENGTH: 33  
 185 <212> TYPE: RNA  
 186 <213> ORGANISM: Artificial Sequence  
 188 <220> FEATURE:  
 189 <223> OTHER INFORMATION: Chemically synthesized fragment 1  
 191 <400> SEQUENCE: 8  
 192 gcggauuuag cucaguuggg agagcgccag acu 33  
 194 <210> SEQ ID NO: 9  
 195 <211> LENGTH: 76

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Input Set : A:\Seqlist.txt  
 Output Set: N:\CRF4\12202004\PU41380.raw

196 <212> TYPE: DNA  
 197 <213> ORGANISM: Artificial Sequence  
 199 <220> FEATURE:  
 200 <223> OTHER INFORMATION: Chemically synthesized fragment 1 + 2 + 3;  
 201 modified tRNA; thymine at residue 54 before  
 202 pseudouridine  
 W--> 204 <221> NAME/KEY: modified\_base  
 205 <222> LOCATION: (39)...(39)  
 206 <223> OTHER INFORMATION: n=p  
 W--> 208 <221> modified\_base  
 209 <222> LOCATION: (55)...(55)  
 210 <223> OTHER INFORMATION: n=p  
 W--> 212 <221> misc\_feature  
 213 <222> LOCATION: (76)...(76)  
 214 <223> OTHER INFORMATION: n=puromycin  
 W--> 216 <221> misc\_feature  
 217 <222> LOCATION: (35)...(36)  
 218 <223> OTHER INFORMATION: psoralen binding at UA position  
 W--> 220 <400> 9  
 W--> 221 gcggauuuag cucaguuggg agagcgccag acucuaganc uggagguccu gugtncgauc 60  
 W--> 222 cacagaauc gcaccc 76  
 224 <210> SEQ ID NO: 10  
 225 <211> LENGTH: 32  
 226 <212> TYPE: RNA  
 227 <213> ORGANISM: Artificial Sequence  
 229 <220> FEATURE:  
 230 <223> OTHER INFORMATION: chemically synthesized fragment 1; 3' hydroxyl at  
 231 terminus  
 233 <400> SEQUENCE: 10  
 234 gcggauuuag cucaguuggg agagcgccag ac 32  
 236 <210> SEQ ID NO: 11  
 237 <211> LENGTH: 8  
 238 <212> TYPE: RNA  
 239 <213> ORGANISM: Artificial Sequence  
 241 <220> FEATURE:  
 242 <223> OTHER INFORMATION: chemically synthesized fragment 2; psoralentated  
 243 RNA  
 W--> 245 <221> NAME/KEY: modified\_base  
 246 <222> LOCATION: (1)...(1)  
 247 <223> OTHER INFORMATION: N=p  
 W--> 249 <221> modified\_base  
 250 <222> LOCATION: (7)...(7)  
 251 <223> OTHER INFORMATION: N=p  
 W--> 253 <400> 11  
 W--> 254 ncuaacnc 8  
 256 <210> SEQ ID NO: 12  
 257 <211> LENGTH: 36  
 258 <212> TYPE: DNA  
 259 <213> ORGANISM: Artificial Sequence

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 PATENT APPLICATION: PCT/US04/41380 TIME: 15:37:41

Input Set : A:\Seqlist.txt  
 Output Set: N:\CRF4\12202004\PU41380.raw

261 <220> FEATURE:  
 262 <223> OTHER INFORMATION: Mixed DNA/RNA chemically synthesized fragment 3  
**W--> 264 <221> NAME/KEY: modified\_base**  
 265 <222> LOCATION: (15)...(15)  
 266 <223> OTHER INFORMATION: n=p  
**W--> 268 <221> misc\_feature**  
 269 <222> LOCATION: (36)...(36)  
 270 <223> OTHER INFORMATION: n=puromycin  
**W--> 272 <400> 12**  
**W--> 273 ugaggguccu gugtncgauc cacagaaauuc gcaccc** 36  
 275 <210> SEQ ID NO: 13  
 276 <211> LENGTH: 18  
 277 <212> TYPE: RNA  
 278 <213> ORGANISM: Artificial Sequence  
 280 <220> FEATURE:  
 281 <223> OTHER INFORMATION: chemically synthesized modified RNA fragment  
**W--> 283 <221> NAME/KEY: modified\_base**  
 284 <222> LOCATION: (4)...(4)  
 285 <223> OTHER INFORMATION: n=p  
**W--> 287 <221> modified\_base**  
 288 <222> LOCATION: (11)...(12)  
 289 <223> OTHER INFORMATION: n=p  
**W--> 291 <400> 13**  
**W--> 292 cccnccagag nnagaccc** 18  
 294 <210> SEQ ID NO: 14  
 295 <211> LENGTH: 14  
 296 <212> TYPE: RNA  
 297 <213> ORGANISM: Artificial Sequence  
 299 <220> FEATURE:  
 300 <223> OTHER INFORMATION: chemically synthesized fragment 2  
**W--> 302 <221> NAME/KEY: modified\_base**  
 303 <222> LOCATION: (7)...(7)  
 304 <223> OTHER INFORMATION: n=p  
**W--> 306 <221> modified\_base**  
 307 <222> LOCATION: (9)...(9)  
 308 <223> OTHER INFORMATION: n=p  
**W--> 310 <400> 14**  
**W--> 311 ucuaagncng gagg** 14  
 313 <210> SEQ ID NO: 15  
 314 <211> LENGTH: 73  
 315 <212> TYPE: DNA  
 316 <213> ORGANISM: Artificial Sequence  
 318 <220> FEATURE:  
 319 <223> OTHER INFORMATION: chemically synthesized; mixed DNA/RNA; alternate  
 320 psoralentated Fragment 1 + 2 + 3  
**W--> 322 <221> NAME/KEY: modified\_base**  
 323 <222> LOCATION: (32)...(32)  
 324 <223> OTHER INFORMATION: N-3-methyl uridine  
**W--> 326 <221> misc\_feature**

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: PCT/US04/41380

DATE: 12/20/2004  
TIME: 15:37:42

Input Set : A:\Seqlist.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 6  
Seq#:2; N Pos. 6  
Seq#:3; N Pos. 1,2,3,4,5,19,20,21,22,23  
Seq#:4; N Pos. 1,2,3,4,5,19,20,21,22,23  
Seq#:5; N Pos. 6  
Seq#:6; N Pos. 9,30  
Seq#:7; N Pos. 6,22,43  
Seq#:9; N Pos. 39,55,76  
Seq#:11; N Pos. 1,7  
Seq#:12; N Pos. 15,36  
Seq#:13; N Pos. 4,11,12  
Seq#:14; N Pos. 7,9  
Seq#:15; N Pos. 32,40,42,73  
Seq#:17; N Pos. 1,7  
Seq#:18; N Pos. 15,36  
Seq#:19; N Pos. 9,10,11  
Seq#:28; N Pos. 33,34  
Seq#:30; N Pos. 1,2,3,4,5,6,9,10,11,15,16,17,18,19,20,21  
Seq#:31; N Pos. 15,36  
Seq#:32; N Pos. 15  
Seq#:33; N Pos. 32,39,41,72

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Input Set : A:\Seqlist.txt  
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L:12 M:270 C: Current Application Number differs, Replaced Current Application No  
 L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:49 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:53 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1  
 L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
 L:65 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:69 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
 L:73 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2  
 L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
 L:85 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:89 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
 L:93 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
 L:94 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
 L:104 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:108 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
 L:112 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
 L:116 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4  
 L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
 L:128 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:132 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
 L:136 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5  
 L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
 L:148 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:152 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
 L:156 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6  
 L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
 L:168 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
 L:176 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
 L:180 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7  
 L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
 L:204 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:208 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
 L:212 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
 L:216 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
 L:220 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9  
 L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
 L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:60  
 L:245 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:249 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
 L:253 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11  
 L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
 L:264 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:268 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
 L:272 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:12  
 L:273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
 L:283 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
 L:287 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13

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DATE: 12/20/2004

TIME: 15:37:42

Input Set : A:\Seqlist.txt

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L:291 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:13  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:302 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:306 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:310 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:14  
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:322 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:326 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:330 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:334 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:338 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:342 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:15  
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:60  
L:367 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:371 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:375 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:17  
L:376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:386 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:390 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:394 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:18  
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:405 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:409 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:19  
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:442 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:446 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22  
L:457 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:461 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:23  
L:472 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:476 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:480 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:24  
L:491 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:495 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:499 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:503 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:25  
L:514 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:518 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:26  
L:541 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:545 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:549 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:553 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:28  
L:554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:578 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:582 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:586 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:590 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:30  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:601 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

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PATENT APPLICATION: PCT/US04/41380

DATE: 12/20/2004  
TIME: 15:37:42

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF4\12202004\PU41380.raw

L:605 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:609 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:613 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:617 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:31  
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:628 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:632 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:636 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:640 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:644 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:32  
L:645 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:656 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:660 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:664 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:668 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:672 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:676 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:33  
L:677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60